

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Manual Control with Force-Feedback for Probe Microscopy-Based Force Spectroscopy**, which is described and claimed in

- ☒ the attached specification.  
☐ the specification in application \_\_\_\_\_, filed on \_\_\_\_\_  
 and amended on \_\_\_\_\_ (if applicable).  
☐ international (PCT) application No. \_\_\_\_\_, filed on \_\_\_\_\_  
 and as amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is known to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT International filing date of this application.

_____ (Application Number)	_____ (Filing Date)	_____ (Status - Patented, Pending, Abandoned)
_____ (Application Number)	_____ (Filing Date)	_____ (Status - Patented, Pending, Abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: James F. Boyle, Reg. No. 33,653; Timothy E. Newholm, Reg. No. 34,400; David D. Stein, Reg. No. 40,828; Michael J. Gratz, Reg. No. 39,693; Mary E. Eberle, Reg. No. 43,599; Peter C. Stomma, Reg. No. 36,020; Andrew S. McConnell, Reg. No. 32,272; Mathew E. Corr, Reg. No. 45,434; and Jay G. Durst, Reg. No. 41,723.

Address all telephone calls to Jay G. Durst at telephone number (414) 225-9755, facsimile number (414) 225-9753.

Address all correspondence to: Jay G. Durst  
 BOYLE, FREDRICKSON, NEWHOLM, STEIN & GRATZ, S.C.  
 250 Plaza, Suite 1030  
 250 East Wisconsin Avenue  
 Milwaukee, Wisconsin 53202

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): Jens STRUCKMEIER

Inventor's signature: J. Struckmeier Date: 12/05/2001  
 Residence: Santa Barbara, California Citizenship: Germany  
 Post Office Address: 3720 Monterey Pine Street  
Santa Barbara, California 93105

(signatures continue - if applicable)

Title: *Manual Control with Force-Feedback for Probe Microscopy-Based Force Spectroscopy*

Inventors: Jens Struckmeier, Doug Gotthard, and Ben Ohler

Full name of second inventor (given name, family name): Doug GOTTHARD

Inventor's signature: 

Date: 12/05/2001

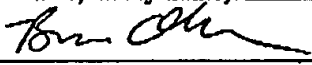
Residence: Carpinteria, California

Citizenship: USA

Post Office Address: 1015 Palmetto #E

Carpinteria, California 93013

Full name of third inventor (given name, family name): Ben OHLER

Inventor's signature: 

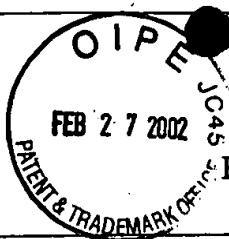
Date: 12/05/2001

Residence: Santa Barbara, California

Citizenship: USA

Post Office Address: 4700 Dexter Drive #15

Santa Barbara, California 93110



RECORDATION FORM COVER SHEET  
PATENTS ONLY

528.003

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<b>Submission Type</b> (X) New  ( ) Resubmission (Non-Recordation) Document ID#  ( ) Correction of PTO Error Reel # Frame #  ( ) Corrective Document Reel # Frame #	<b>Conveyance Type</b> (X) Assignment ( ) Security Agreement  ( ) License ( ) Change of Name  ( ) Merger ( ) Other  <i>U.S. Government</i> (For Use ONLY by U.S. Government Agencies)  ( ) Departmental File ( ) Secret File
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<b>Conveying Party(ies)</b> ( )Mark if additional names of conveying parties attached  Name (line 1) Jens  Name (line 2) Struckmeier  <i>Second Party</i> Name (line 1) Doug  Name (line 2) Gotthard  <i>Third Party</i> Name (line 1) Ben  Name (line 2) Ohlard	<b>Execution Date</b> Month Day Year December 5, 2001  <b>Execution Date</b> Month Date Year December 5, 2001  <b>Execution Date</b> Month Date Year December 5, 2001
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<b>Receiving Party</b> ( )Mark if additional names of receiving parties attached  Name (line 1) Veeco Instruments Inc.  Name (line 2)  Address (line 1) 1 Terminal Drive  Address (line 2)  Address (line 3) Plainview, New York 11803 city State/Country Zip Code	( ) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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<b>Domestic Representative Name and Address</b> Enter for the first Receiving Party only.  Name  Address (line 1)  Address (line 2)  Address (line 3)
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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address Area Code and Telephone Number 414.225.9755

Name Jay G. Durst

Address (line 1) Boyle Fredrickson Newholm Stein &amp; Gratz S.C.

Address (line 2) 250 East Wisconsin Avenue, Suite 1030

Address (line 3) Milwaukee, WI 53202

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments.

# 1

Application Number(s) or Patent Number(s) ( ) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  
Patent Application Number(s) Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
December 5, 2001

## Patent Cooperation Treat (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

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Number of Properties Enter the total number of properties involved. # \_\_\_\_\_

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Enclosed ( )

Deposit Account ( )

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 50-1170

Authorization to charge additional fees: Yes (X ) No ( )

## Statement and Signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Jay G. Durst

Name of Person Signing

Signature

December 6, 2001

Date

## ASSIGNMENT

WHEREAS, we, Jens Struckmeier, Doug Gotthard, and Ben Ohler, have made a certain new and useful invention for which we are about to make application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. \_\_\_\_\_, filed \_\_\_\_\_ and entitled:

*Manual Control with Force-Feedback for Probe Microscopy-Based Force Spectroscopy*

(Executed: DEC. 5, 2001)

WHEREAS, Veeco Instruments Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business in Plainview, New York, is desirous of acquiring the entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

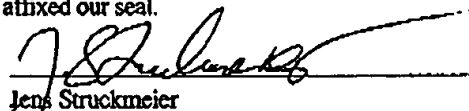
NOW, THEREFORE, for and in consideration of One Dollar and other good and valuable consideration to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said Veeco Instruments Inc., and said assignee's legal representative, successors and assigns, the entire right, title and interest in and to any and all applications including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents; and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

WE HEREBY AUTHORIZE the law firm of Boyle, Fredrickson, Newholm, Stein & Gratz, S.C. the power to insert in this instrument any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

UPON SAID CONSIDERATION, we do hereby covenant for ourselves and our heirs, legal representatives and assigns that neither we nor any of our said heirs, legal representatives or assigns have or will execute any instrument or perform any act in conflict herewith and that we or our said heirs, legal representatives and assigns will at all times do such acts and execute such papers, without expense to ourselves, as may be necessary or desirable in order to fully protect said inventions and discoveries for the benefit of said assignee, its successors or assigns, and to otherwise carry into full force and effect the text and interest of this assignment.

IN WITNESS WHEREOF, we have hereunto set my hands and affixed our seal.

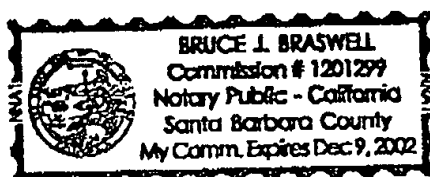
Date: 12/05/2001


 (SEAL)  
Jens Struckmeier

STATE OF CALIFORNIA )  
 ) ss.

SANTA BARBARA COUNTY )

On this 5<sup>th</sup> day of DECEMBER 2001, before me, a notary public in and for said county, appeared Jens Struckmeier who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



 (SEAL)  
Notary Public, State of CALIFORNIA  
My Commission: 12/9/02

Title: *Force Scanning Probe Microscope*

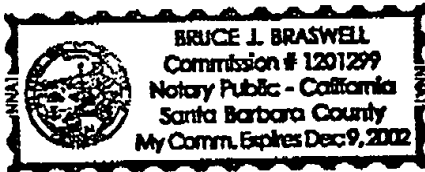
Inventors: Jens Struckmeier, Doug Gotthard, and Ben Ohler

Date: 12/05/2001

*Doug Gotthard* (SEAL)  
Doug Gotthard

STATE OF CALIFORNIA )  
 ) ss.  
SANTA BARBARA COUNTY )

On this 5<sup>TH</sup> day of DECEMBER, 2001, before me, a notary public in and for said county, appeared Doug Gotthard who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



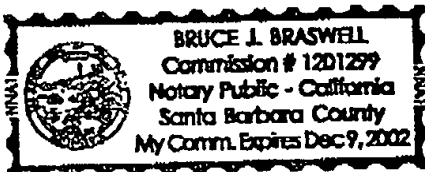
*Bruce J. Braswell* (SEAL)  
Notary Public, State of CALIFORNIA  
My Commission: 12/9/02

Date: 12/05/01

*Ben Ohler* (SEAL)  
Ben Ohler

STATE OF CALIFORNIA )  
 ) ss.  
SANTA BARBARA COUNTY )

On this 5<sup>TH</sup> day of DECEMBER, 2001, before me, a notary public in and for said county, appeared Ben Ohler who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



*Bruce J. Braswell* (SEAL)  
Notary Public, State of CALIFORNIA  
My Commission: 12/9/02